

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application Number : (unassigned)  
Applicant : Mark H. Miller et al.  
Filed : March 23, 2004  
Tech Cntr/AU : (unassigned)  
Examiner : (unassigned)  
Entitled : Counterflow Insect Trap

Attorney Reference : 009554-0308963  
Customer Number : 00909

**MAIL STOP PATENT APPLICATION**

March 23, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 CFR 1.56, the attention of the U.S. Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. The references cited herein were cited for consideration in the parent application, and, pursuant to 37 CFR 1.98(d), copies of the cited references can be found in the file of the parent application (*U.S. Serial No. 09/682,247, filed August 9, 2001*).

This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, AND (b) before the mailing date of the first Office Action on the merits in the present application. No certification or fee is required.

It is respectfully requested that this information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom. The Examiner is further respectfully requested to return of a copy of the enclosed Form PTO-1449 with the Examiner's initials in the left column.

The examination and allowance of this Application is respectfully requested.

Respectfully Submitted,

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Atty. Dkt. No.	M#	Client Ref.
	0308963	

**INFORMATION DISCLOSURE STATEMENT  
 BY APPLICANT**

Applicant: Mark H. Miller et al.	
Application Serial No. (unassigned)	
Filing Date: March 23, 2004	
Examiner: (unassigned)	Group Art Unit: (unassigned)

Date: March 23, 2004 Page 1 of 2

**U.S. PATENT DOCUMENTS**

Examiner's Initials*		Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AR	1,693,368	11/1928	CHERRY			
	BR	2,893,161	07/1959	REID			
	CR	3,196,577	07/1965	PLUNKETT			
	DR	4,506,473	03/1985	WATERS, JR.			
	ER	4,519,776	05/1985	DEYOREO et al.			
	FR	4,608,774	09/1986	SHERMAN			
	GR	4,785,573	11/1988	MILLARD			
	HR	5,157,865	10/1992	CHANG			
	IR	5,167,090	12/1992	CODY			
	JR	5,189,830	03/1993	MONTEMURRO			
	KR	5,205,064	04/1993	NOLEN			
	LR	5,205,065	04/1993	WILSON et al.			
	MR	5,255,468	10/1993	CHESHIRE, JR.			
	NR	5,301,458	04/1994	DEYOREO et al.			

**FOREIGN PATENT DOCUMENTS**

		Document Number	Date MM/YYYY	Country	Inventor Name	English Abstract		Translation Readily Available	
						Enclosed	No	Enclosed	No
	OR	717,903	01/1932	FRANCE	Mourot				
	PR	2-63679	05/1990	JAPAN	Takatsukasa				
	QR	1-14128	04/1989	JAPAN	Satoki et al.				
	RR								
	SR								

**OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

	TR	Grant et al. "Electrophysiological responses of receptor neurons in mosquito maxillary palp sensilla to carbon dioxide," <i>J Comp Physiol A</i> 177 (1995) 389-396.			
	UR	<i>Mosquito Ecology Field Sampling Methods</i> , 2 <sup>nd</sup> ed. (1993) 500, 502, 517, 524, 546-547.			
	VR	<i>Mosquito News</i> , 27:1 (March 1967) 90-92.			
	WR	Mboera et al. "Comparison of carbon dioxide-baited trapping systems for sampling outdoor mosquito populations in Tanzania," <i>Medical and Veterinary Entomology</i> 14 (2000) 257-263.			
	XR	Peterson et al. "Studies of the Responses of the Female <i>Aedes</i> Mosquito. Part III. The Response of the <i>Aedes Aegypti</i> (L.) to a Warm Body and its Radiation," <i>Biting Insect Technology</i> (1951) 535-541.			
	YR	Carestia et al. "Effectiveness of Carbon Dioxide as a Mosquito Attractant in the CDC Miniature Light Trap," <i>J. American Mosquito Control Assn.</i> 27:1 (March 1967) 90-92.			
	ZR	Service, <i>Mosquito Ecology Field Sampling Methods</i> – Chapter 5: "Sampling Adults by Animal Bait Catches and by Animal-Baited Traps," 2 <sup>nd</sup> ed. (1993) 349-498.			

Examiner	Date Considered:
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\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

Atty.  
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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Page

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of

2

Examiner: (unassigned)

Group Art Unit: (unassigned)

## **U.S. PATENT DOCUMENTS**

Examiner's Initials*	Document Number	Date MM/YYYY	Name (Family Name of First Inventor)	Class	Sub Class	Filing Date (if appropriate)
	AAR 5,311,697	05/1994	CAVANAUGH et al.			
	BBR 5,329,725	07/1994	BIBLE			
	CCR 5,382,422	01/1995	DIEGUEZ et al.			
	DDR 5,417,009	05/1995	BUTLER et al.			
	EER 5,595,018	01/1997	WILBANKS			
	FFR 5,647,164	07/1997	YATES			
	GGR 5,651,211	07/1997	REGAN et al.			
	HHR 5,657,576	08/1997	NICOSIA			
	IIR 5,669,176	09/1997	MILLER			
	JJR 6,145,243	11/2000	WIGTON et al.			
	KKR 6,286,249	09/2001	MILLER et al.			
	LLR 2003/0154643 A1	08/2003	SPIRO et al.			
	MMR 2003/0154645 A1	08/2003	SPIRO et al.			
	NNR 2003/0208951 A1	11/2003	BOSSLER			

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					Enclosed	No	Enclosed	No
	OOR							
	PPR							
	QQR							
	RRR							
	SSR							
	TTR							

## **OTHER (Including in this order Author, Title, Periodical Name, Date, Pertinent Pages, etc.)**

UUR	Service, <i>Mosquito Ecology Field Sampling Methods</i> – Chapter 5: "Sampling Adults by Animal Bait Catches and by Animal-Baited Traps," 2 <sup>nd</sup> ed. (1993) 499-610.			
VVR	Floor et al. "Mosquito Trapping Studies to Determine Efficacy of Two Models of the Flowtron® Mosquito Luring Device," <i>J. Florida Anti-Mosquito Assn.</i> 56:1 (1985) 13-17.			
WWR	Dipteran Collection Equipment Folder, American Biophysics Corporation.			
XXR	Owner's Manual, BugVac™ Model 1101 Electronic Insect Killer.			
YYR	Kline "Comparison of Two American Biophysics Mosquito Traps: The Professional and a New Counterflow Geometry Trap," <i>J. American Mosquito Control Assn.</i> 15:3 (1999) 276-282.			
ZZR	Burkett et al. "Light, Carbon Dioxide and Octenol-Baited Mosquito Trap and Host-Seeking Activity Evaluations for Mosquitoes in a Malarious Area of the Republic of Korea," <i>J. American Mosquito Control Assn.</i> 17:3 (2001) 196-205.			

Examiner

Date Considered:

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